

1fw

EXAMINING GROUP 2614

PATENT

Attorney Docket No. 8831-0061

Confirmation No. 5254

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Candice Hellen Brown Elliott

Application No.: 10/696,235

Filed: October 28, 2003

For: DISPLAY SYSTEM HAVING
IMPROVED MULTIPLE MODES
FOR DISPLAYING IMAGE DATA
FROM MULTIPLE INPUT
SOURCE FORMATS

)
)
) Group Art Unit: 2614

)
) Examiner: KOSTAK, Victor R.
)
)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Post Office with sufficient postage as first class mail to the USPTO on the following date: August 31, 2005.

Carolyn Marsden
Printed Name

C. Marsden
Signature

Sir:

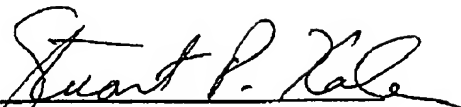
Applicant brings to the attention of the Examiner copies of the PTO SB08A and SB08B forms recently submitted August 30, 2005 by facsimile with an Amendment Under 37 CFR 1.111 in the above referenced matter. These forms are being resubmitted herewith the copies of the non-US patent and patent applications.

Respectfully submitted,

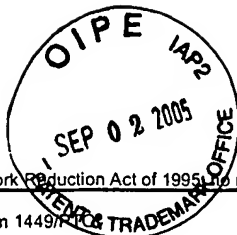
Clairvoyante, Inc

Dated: August 31, 2005

By:

A handwritten signature in cursive script, appearing to read "Stuart P. Kaler", written over a horizontal line.

Stuart P. Kaler
Reg. No. 35,913



PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of

12

Complete if Known

Application Number	10/696,235
Filing Date	October 28, 2003
First Named Inventor	BROWN ELLIOTT, Candice Helle
Art Unit	2614
Examiner Name	KOSTAK, Victor R
Attorney Docket Number	8831.0061

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 3,971,065	07-20-1976	Bayer	
		US- 4,353,062	10-05-1982	Loriteije et al	
		US- 4,642,619	02-10-1987	Togashi	
		US- 4,651,148	03-17-1987	Takeda et al	
		US- 4,751,535	06-14-1988	Myers	
		US- 4,773,737	09-27-1988	Yokono et al	
		US- 4,800,375	01-24-1989	Silverstein et al	
		US- 4,853,592	08-01-1989	Stratham	
		US- 4,874,986	10-17-1989	Menn et al	
		US- 4,886,343	12-12-1989	Johnson	
		US- 4,920,409	04-24-1990	Yamagashi	
		US- 4,965,565	10-23-1990	Noguchi	
		US- 4,966,441	10-30-1990	Conner	
		US- 4,967,264	10-30-1990	Parulski et al	
		US- 5,006,840	04-09-1991	Hamada et al	
		US- 5,052,785	04-23-1991	Bahr	
		US- 5,113,274	10-01-1991	Takimoto et al	
		US- 5,132,674	10-29-1991	Balcken et al	
		US- 5,189,404	05-12-1992	Takahashi et al	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		JP 2004004822	01-08-2004	Ko et al	Fully English	✓
		JP 06-102503	04-15-1994	Yao	Fully English	✓
		JP 60-107022	06-12-1985	Hamada et al	English Abstract	✓
		EP 0 322 106 A2	06-28-1989	Gibbons et al		
		EP 0 793 214 A1	09-03-1997	Gove et al		
		EP 1 083 539 A2	03-14-2001	Masuji et al		

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 12**Complete if Known**

Application Number	10/696,235
Filing Date	October 28, 2003
First Named Inventor	BROWN ELLIOTT, Candice Helle
Art Unit	2614
Examiner Name	KOSTAK, Victor R
Attorney Docket Number	8831.0061

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,196,924	03-23-1993	Lumelsky et al	
		US- 5,311,337	05-10-1994	McCartney, Jr	
		US- 5,315,418	05-24-1994	Sprague et al	
		US- 5,334,996	08-02-1994	Tanigaki et al	
		US- 5,341,153	08-23-1994	Benzschawal et al	
		US- 5,398,066	05-14-1995	Martinez-Uriegas et al	
		US- 5,416,890	05-16-1995	Beretta	
		US- 5,436,747	07-25-1995	Suzuki	
		US- 5,438,649	08-01-1995	Ruetz	
		US- 5,448,652	09-05-1995	Vaidyanathan et al	
		US- 5,450,216	09-12-1995	Kasson	
		US- 5,461,503	10-24-1995	Deffontaines et al	
		US- 5,477,240	12-19-1995	Huebner et al	
		US- 5,485,293	01-16-1996	Robinder	
		US- 5,541,653	07-30-1996	Peters et al	
		US- 5,563,621	10-08-1996	Silsby	
		US- 5,579,027	11-26-1996	Sakurai et al	
		US- 5,724,442	03-03-1998	Ogatsu et al	
		US- 5,739,802	04-14-1998	Mosier	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		EP 1 381 020 A2	01-14-2004	Thielemans et al		
		DE 199 23 527	11-23-2000	Bohlendorf	Fully English	<input checked="" type="checkbox"/>
		DE 201 09 354 U1	09-13-2001	Giantplus		
		DE 299 09 537 U1	10-14-1999	Phan		
		WO 03/014819 A1	02-20-2003	Hong et al		
		WO 2004/021323 A2	03-11-2004	Rho et al		

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 3

of 12

Complete if Known

Application Number	10/696,235
Filing Date	October 28, 2003
First Named Inventor	BROWN ELLIOTT, Candice Helle
Art Unit	2614
Examiner Name	KOSTAK, Victor R
Attorney Docket Number	8831.0061

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,754,226	05-19-1998	Yamada et al	
		US- 5,815,101	09-29-1998	Fonte	
		US- 5,821,913	10-13-1998	Mamiya	
		US- 5,917,556	06-29-1999	Katayama	
		US- 5,933,253	08-03-1999	Ito et al	
		US- 5,949,496	09-07-1999	Kim	
		US- 5,973,664	10-26-1999	Badger	
		US- 6,002,446	12-14-1999	Eglit	
		US- 6,008,868	12-28-1999	Silverbrook	
		US- 6,034,666	03-07-2000	Kanai et al	
		US- 6,038,031	03-14-2000	Murphy	
		US- 6,049,626	04-11-2000	Kim	
		US- 6,054,832	04-25-2000	Kunzman et al	
		US- 6,061,533	05-09-2000	Kajiwara	
		US- 6,069,670	05-30-2000	Borer	
		US- 6,097,367	08-01-2000	Kuriwaki et al	
		US- 6,108,122	08-22-2000	Ulrich et al	
		US- 6,144,352	11-07-2000	Matsuda et al	
		US- 6,151,001	11-21-2000	Anderson et al	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		WO 2004/027503 A1	04-01-2004	Roh et al		
		WO 2004/086128 A1	10-07-2004	Kim et al		
		WO 2005/050296 A1	06-02-2005	Yang et al		
		WO 00/42564	07-20-2000	Platt et al		
		WO 00/65432	11-02-2000	Thielemans et al		
		WO 00/67196	11-09-2000	Lui et al		

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 4 of 12**Complete if Known**

Application Number	10/696,235
Filing Date	October 28, 2003
First Named Inventor	BROWN ELLIOTT, Candice Helle
Art Unit	2614
Examiner Name	KOSTAK, Victor R
Attorney Docket Number	8831.0061

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6,160,535	12-12-2000	Park	
		US- 6,184,903 B1	02-06-2001	Omori	
		US- 6,188,385 B1	02-13-2001	Hill et al	
		US- 6,219,025 B1	04-17-2001	Hill et al	
		US- 6,225,967 B1	05-01-2001	Hebiguchi	
		US- 6,225,973 B1	05-01-2001	Hill et al	
		US- 6,236,390 B1	05-22-2001	Hitchcock et al	
		US- 6,239,783 B1	05-29-2001	Hill et al	
		US- 6,243,055 B1	06-05-2001	Ferguson	
		US- 6,243,070 B1	06-05-2001	Hill et al	
		US- 6,262,710 B1	07-17-2001	Smith	
		US- 6,271,891 B1	08-07-2001	Ogawa et al	
		US- 6,278,434 B1	08-21-2001	Hill et al	
		US- 6,297,826 B1	10-02-2001	Semba et al	
		US- 6,326,981 B1	12-04-2001	Mori et al	
		US- 6,327,008 B1	12-04-2001	Fujiyoshi	
		US- 6,346,972 B1	02-12-2002	Kim	
		US- 6,348,929 B1	02-19-2002	Acharya et al	
		US- 6,360,008 B1	03-19-2002	Susuki et al	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		WO 01/29817 A1	04-26-2001	Ghuloum et al		
		WO 2004/040548 A1	05-13-2004	Ben-Chorin et al		
		JP 03078390 A2	04-03-1991	Ishitsni	English Abstract	✓

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 5

of 12

Complete if Known

Application Number	10/696,235
Filing Date	October 28, 2003
First Named Inventor	BROWN ELLIOTT, Candice Helle
Art Unit	2614
Examiner Name	KOSTAK, Victor R
Attorney Docket Number	8831.0061

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6,360,023 B1	03-19-2002	Betrissey et al	
		US- 6,377,262 B1	04-23-2002	Hitchcock et al	
		US- 6,393,145 B2	05-21-2002	Betrissey et al	
		US- 6,396,505 B1	05-28-2002	Lui et al	
		US- 6,466,618 B1	10-15-2002	Messing et al	
		US- 6,483,518 B1	11-19-2002	Perry et al	
		US- 6,486,923 B1	11-26-2002	Maeshima et al	
		US- 6,545,653 B1	04-08-2003	Takahara et al	
		US- 6,545,740 B1	04-08-2003	Werner	
		US- 6,570,584 B1	05-27-2003	Cok et al	
		US- 6,600,495 B1	06-29-2003	Boland et al	
		US- 6,624,828 B1	09-23-2003	Dresevic et al	
		US- 6,661,429 B1	12-09-2003	Phan	
		US- 6,674,430 B1	01-06-2004	Kaufman et al	
		US- 6,674,436 B1	01-06-2004	Dresevic et al	
		US- 6,680,761 B1	01-20-2004	Greene et al	
		US- 6,681,053 B1	01-20-2004	Zhu	
		US- 6,738,526 B1	05-18-2004	Betrissey et al	
		US- 6,750,875 B1	06-15-2004	Keely Jr. et al	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 6

of 12

Complete if Known

Application Number	10/696,235
Filing Date	October 28, 2003
First Named Inventor	BROWN ELLIOTT, Candice Helle
Art Unit	2614
Examiner Name	KOSTAK, Victor R
Attorney Docket Number	8831.0061

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 6,801,220 B2	10-05-2004	Greier et al	
		US- 6,804,407 B2	10-12-2004	Weldy	
		US- 6,833,890 B2	12-21-2004	Hong et al	
		US- 6,850,294 B2	02-01-2005	Roh et al	
		US- 6,888,604 B2	05-03-2005	Rho et al	
		US- 6,714,206 B1	03-30-2004	Martin et al	
		US- 6,836,300 B2	12-28-2004	Choo et al	
		US- 6,867,549 B2	03-15-2005	Cok et al	
		US- 6,885,380 B1	04-26-2005	Primerano et al	
		US- 6,897,876 B2	05-24-2005	Murdoch et al	
		US- 6,903,378 B2	06-07-2005	Cok	
		US- 4,737,843	04-12-1998	Spencer	
		US- 4,946,259	08-07-1990	Matino et al	
		US- 5,642,176	06-24-1997	Abukawa et al	
		US- 5,880,707	03-09-1999	Aratani	
		US- 5,899,550	05-04-1999	Masaki	
		US- 5,903,366	05-11-1999	Hirabayashi et al	
		US- 5,929,843	07-27-1999	Tanioka	
		US- 6,100,872	08-08-2000	Aratnai et al	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 7

of 12

Complete if Known

Application Number	10/696,235
Filing Date	October 28, 2003
First Named Inventor	BROWN ELLIOTT, Candice Helle
Art Unit	2614
Examiner Name	KOSTAK, Victor R
Attorney Docket Number	8831.0061

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6,384,836 B1	05-07-2002	Naylor Jr. et al	
		US- 6,714,212 B1	03-30-2004	Tsuboyama et al	
		US- 6,781,626 B1	08-24-2004	Wang	
		US- 2004/0021804 A1	02-05-2004	Hong et al	
		US- 2004/0085495 A1	05-06-2004	Roh et al	
		US- 2004/0095521 A1	05-20-2004	Song et al	
		US- 2004/0114046 A1	06-17-2004	Lee et al	
		US- 2004/0169807 A1	09-02-2004	Rho et al	
		US- 2004/0179160 A1	09-16-2004	Rhee et al	
		US- 2004/0239837 A1	12-02-2004	Hong et al	
		US- 2005/0068477 A1	03-31-2005	Shin et al	
		US- 2005/0083356 A1	04-21-2005	Roh et al	
		US- 2003/0071943 A1	04-17-2003	Choo et al	
		US- 2004/0108818 A1	06-10-2004	Cok et al	
		US- 2004/0155895 A1	08-12-2004	Lai	
		US- 2004/0189662 A1	09-30-2004	Frissen et al	
		US- 2004/0189664 A1	09-30-2004	Frissen et al	
		US- 2004/0239813 A1	12-02-2004	Klompennhouwer	
		US- 2004/0263528 A1	12-30-2004	Murdoch et al	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 8

of 12

Complete if Known

Application Number	10/696,235
Filing Date	October 28, 2003
First Named Inventor	BROWN ELLIOTT, Candice Helle
Art Unit	2614
Examiner Name	KOSTAK, Victor R
Attorney Docket Number	8831.0061

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 2005/0007539 A1	01-13-2005	Taguchi et al	
		US- 2005/0024380 A1	02-03-2005	Lin et al	
		US- 2005/0040760 A1	02-24-2005	Taguchi et al	
		US- 2005/0099426 A1	05-12-2005	Primerano et al	
		US- 2005/0140634 A1	06-30-2005	Takatori	
		US- 2004/0095521 A1	05-20-2004	Song et al	
		US- 2004/0169807 A1	09-02-2004	Rho et al	
		US- 2004/0179160 A1	09-16-2004	Rhee et al	
		US- 2001/0048764 A1	12-06-2001	Betrissey et al	
		US- 2002/0093476 A1	07-18-2002	Hill et al	
		US- 2002/0140831 A1	10-03-2002	Hayashi	
		US- 2002/0149598 A1	10-17-2002	Greier et al	
		US- 2003/0006978 A1	01-09-2003	Fujiyoshi	
		US- 2003/0071775 A1	04-17-2003	Ohashi et al	
		US- 2003/0077000 A1	04-24-2003	Blinn et al	
		US- 2003/0098928 A1	05-29-2003	Kim	
		US- 2003/0218618 A1	11-27-2003	Phan	
		US- 2004/0008208 A1	01-15-2004	Drešević et al	
		US- 2004/0075764 A1	04-22-2004	Law et al	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 9

of 12

Complete if Known

Application Number	10/696,235
Filing Date	October 28, 2003
First Named Inventor	BROWN ELLIOTT, Candice Helle
Art Unit	2614
Examiner Name	KOSTAK, Victor R
Attorney Docket Number	8831.0061

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 2004/0196297 A1	10-07-2004	Elliott et al	
		US- 2004/0213449 A1	10-28-2004	Safee-Rad et al	
		US- 2004/0247070 A1	12-09-2004	Ali et al	
		US- 2005/0031199 A1	02-10-2005	Ben-Chorin et al	
		US- 2005/0094871 A1	05-05-2005	Berns et al	
		US- 2005/0162600 A1	07-28-2005	Rho et al	
		US- 2005/0169551 A1	08-04-2005	Messing et al	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/696,235
Filing Date	October 28, 2003
First Named Inventor	BROWN ELLIOTT, Candice Hellen
Art Unit	2614
Examiner Name	KOSTAK, Victor R
Attorney Docket Number	8831.0061

Sheet 10 of 12

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Adobe Systems, Inc. website, http://www.adobe.com/products/acrobat/cooltype.html	
		Betrissey, C., et al., "Displaced Filtering for Patterned Displays, SID Symp. Digest, 296-299, 1999	
		Brown Elliott, C., "Active Matrix Display....", IDMC 2000, 185-189, 8/2000.	
		Brown Elliott, C., "Color Subpixel Rendering Projectors and Flat Panel Displays," SMPTE, Feb 27-Mar 1., 2003, Seattle, WA pp1-4	
		Brown Elliott, C, "Co-Optimization of Color AMLCD Subpixel Architecture and Rendering Algorithms," SID 2002 Proceedings Paper, May 30, 2002	
		Brown Elliott, C, "Development of the PenTile Matrix™ Color AMLCD Subpixel Architecture and Rendering Algorithms", SID 2003, Journal Article	
		Brown Elliott, C, "New Pixel Layout for PenTile Matrix™ Architecture", IDMC 2002, pp 115-117	
		Brown Elliott, C, "Reducing Pixel Count Without Reducing Image Quality", Information Display 12/99, Vol 1, pp 22-25	
		"ClearType magnified", Wired Magazine, 11/8/99, Microsoft Typography, article posted 11/8/99, last updated 1/27/99 1 page	
		Credelle, Thomas, "P-00: MTF of High-Resolution PenTile Matrix Displays", Eurodisplay 02 Digest, 2002 Pages 1-4	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/696,235
				Filing Date	October 28, 2003
				First Named Inventor	BROWN ELLIOTT, Candice Hellen
				Art Unit	2614
				Examiner Name	KOSTAK, Victor R
Sheet	11	of	12	Attorney Docket Number	8831.0061

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Daly, Scott, "Analysis of Subtriad Addressing Algorithms by Visual System Models", SID Symp. Digest, June 2001 Pages 1200-1203	
		Gibson, S., "Sub-Pixel Rendering; How it works," Gibson Research Corp., http://www.grc.com/ctwhat.html	
		Johnston, Stuart, "An Easy Read: Microsoft's ClearType," InformationWeek Online, Redmond WA, 11/23/98. 3 pages	
		Johnston, Stuart, "Clarifying ClearType," InformationWeek Online, Redmond WA, 01/04/99, 4 pages	
		"Just Outta Beta, Wired Magazine, 12/99 Issue 7-12, 3 pages	
		Klompenshouwer, Michiel, "Subpixel Image Scaling for Color Matrix Displays, SID Symp. Digest, 05/02, pp 176-179	
		Krantz, John et al., Color Matrix Display Image Quality: The Effects of Luminance...SID 90 Digest, pp 29-32	
		Lee, Baek-woon et al., "40.5L: Late-News Paper: TFT-LCD with RGBW Color system, SID 03 Digest, 2003, pp1212-1215	
		Martin, R., et al., "Detectability of Reduced Blue-Pixel Count in Projection Displays," SID Symp. Digest, 5/1993, pp 606-609	
		Messing, Dean et al., Improved Display Resolution of Subsampled Colour Images Using Subpixel Addressing, IEEE ICIP 2002, Vol 1, pp 625-628	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/696,235
Filing Date	October 28, 2003
First Named Inventor	BROWN ELLIOTT, Candice Hellen
Art Unit	2614
Examiner Name	KOSTAK, Victor R
Attorney Docket Number	8831.0061

Sheet 12 of 12

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Messing, Dean et al., Subpixel Rendering on Non-Striped Colour Matrix Displays, 2003 International Conf on Image Processing, 9/2003, Barcelona, Spain, 4 pages	
		"Microsoft ClearType," website, 03/26/03, 4 pages	
		Microsoft Corp. website, http://www.microsoft.com/typography/cleartype , 7 pages	
		Murch, M., "Visual Perception Basics," SID Seminar, 1987, Tektronix Inc, Beaverton Oregon	
		Okumura et al., "A New Flicker-Reduction Drive Method for High Resolution LCTVs", SID Digest, 551-554, 2001	
		Platt, John, "Optimal Filtering for Patterned Displays, IEEE Signal Processing Letters, 2000, 4 pages	
		Feigenblatt, Ron, "Remarks on Microsoft ClearType™", http://www.geocities.com/SiliconValley/Ridge/6664/ClearType.html , Dec 5 1998, Dec 7 1998, Dec 12 1999, Dec 26 1999, Dec 30	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.